



## **Mahoningside – Project Overview**

### **Assessment Work Completed to Date:**

An initial sampling work plan was submitted to US EPA for approval in the Spring of 2002. Unfortunately, after the approval of the plan, the discovery of PCBs in the three soil/debris piles currently stockpiled on site made execution of the plan impossible. To further delineate the PCB contamination in the piles, a sampling and analysis plan specific to the piles was completed and submitted to the US EPA Region V TSCA Division and Brownfield division for approval.

In an effort to further delineate the PCB contamination, the piles were sampled in August 2002. As approved by the U.S. EPA Waste, Pesticides, and Toxics Division, boring locations were set at 6-meter intervals along the length of the crest of each soil/debris pile and across the width of the crest of each soil/debris pile. Sixty-one soil borings were distributed throughout the three soil/debris piles. Twenty-five borings were installed in Soil Pile A, eight borings in Soil Pile B, and twenty-eight borings in Soil Pile C. The analytical results of the samples obtained from soil/debris piles produced nine samples containing PCB concentrations > 25 ppm. Of those nine samples > 25 ppm, four were found in Soil Pile A, five were found in Soil Pile C, and none were found in Soil Pile B. The discovery of the "random" PCB contamination necessitated the removal of the piles from the site and subsequent proper disposal at a licensed facility and once again put the project on hold.

### **Assessment Work that will Need Completed:**

The original Work Plan as submitted to the US EPA still needs to be implemented. However, due to the length of time from the original submittal, a thorough review of the plan would need completed and possible revisions made to ensure the plan still meets the guidelines of the Ohio VAP program, which the site falls within. Confirmation sampling of the ground directly beneath the piles would also need performed to ensure any PCB contamination from the piles did not impact the underlying soils. To date, no assessment work other than that performed for the soil/debris piles has been completed.

### **Why the Assessment Work Cannot be Completed:**

Due to the size and the area the soil/debris piles encompass, much of the area proposed for sampling and monitoring well placement under the original work plan falls within the footprints of the piles. Further, any sampling performed while the piles remain on site would have to be confirmed and/or verified with new/additional sampling once the piles are removed. This would ultimately cost more money and risk obtaining non-representative data.